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For: PEPTIDES WITH  $\beta$ 1 INTEGRIN SUBUNIT DEPENDENT CELL ADHESION MODULATING ACTIVITY

9. The peptide of claim 7 wherein said peptide is capable of modulating I4J1 integrin dependent adhesion.

10. The peptide of claim 9 wherein said peptide is capable of inhibiting I4J1 integrin dependent cell adhesion.

11. The peptide of claim 10 wherein said peptide is capable of inhibiting I4J1 integrin dependent adhesion of Ramos cells to  $\alpha$ 4 $\beta$ 1 integrin binding fibronectin fragments.

C2 23. A method for modulating the adhesion of cells to a substrate, the method comprising:  
combining a peptide of claim 6 with a suspension of said cells to form a modified cell suspension; and  
contacting the modified cell suspension with the substrate.

C3 24. A method of claim 23 wherein the peptide modulates J1 integrin subunit dependent adhesion.

25. The method of claim 24 wherein the peptide inhibits J1 integrin subunit dependent adhesion.

26. The method of claim 25 wherein the J1 integrin is I4J1.

27. The method of claim 24 wherein the J1 integrin is I4J1.

28. A method of inhibiting I4J1 integrin dependent adhesion of cells to integrin-binding fibronectin fragments, the method comprising:  
combining a peptide of claim 6 with the cells to form a modified cell suspension; and  
contacting the modified cell suspension with the integrin-binding fibronectin fragments.